

SUMMARY OF SUBCOMMITTEE MEETING

DATE: February 21, 2002 (**Revision 1 – 3/6/02**)

TO: Ross Dunfee, Steering Committee Chairman
Tony Barrett, Department of Ecology

COPY: Stormwater Manual Subcommittee Members and Consultant Team

FROM: Doug Busko, DEA and Jim St. John, DEA

SUBJECT: **Summary of Stormwater Manual Subcommittee Meeting**
Moses Lake Conference Center
February 14, 2002 9:00 am – 2:00 pm

PROJECT: EASTERN WASHINGTON STORMWATER MANAGEMENT
Stormwater Management Technical Manual *and*
Model Municipal NPDES Phase II Stormwater Program

Subcommittee Meeting Attendees:

Don Gatchalian – Yakima County	Khalid Marcus – Yakima County
John Hohman – Spokane County	Paula Cox – Chelan County
Steve Worley – Spokane County	Steve Hansen – City of Spokane
Jocelyne Gray – JUB Engineers	Gary Nelson – Spokane County
Ryan Lyyski – City of Ellensburg	Jim St. John – DEA
Greg Lahti – WSDOT	Doug Busko – DEA
Nancy Aldrich – City of Richland	Steve King – RH2 Engineering
Ray Latham – Ecology	Dave Kliewer – JUB Engineers
Michele Brich – Tri-Cities Homebuilders	Michael Hepp - Ecology
Sandra Levey – Grant County PUD	Tony Barrett - Ecology
John Heinley – WSDOT	Jennifer Berkey – HDR
Tony Schouviller – Benton County	Gary Beeman - WSDOT
Ross Dunfee – Benton County	Dwane VanEpps – City of Chelan
Art Tackett – City of Connell	Dave Moss – TetraTech
Tom Tebb – Ecology	Pete Hobbs – City of Yakima

PURPOSE OF MEETING:

This meeting was held to gather the core subcommittee members and at-large members for:

- ❖ Discussion of an alternate approach for developing thresholds (Chapter 2 of Manual)
- ❖ Review of Chapter 5 (Infiltration and Detention Design) and Chapter 6 (Water Quality Facility Design)

- ❖ Continued review of Chapter 7 (Construction Stormwater Pollution Prevention) and Chapter 8 (Source Control), as time permits
- ❖ Review of overall project status and schedule

AGENDA FOR THIS MEETING:

1. Introductions, review of agenda, review of summary from 1/10 meeting
2. Alternate approach for developing thresholds (Chapter 2 of Manual)
3. Lunch
4. Review of draft Chapters 5 and 6
5. Review of draft Chapters 7 and 8 (time was not available)
6. Overall project status and schedule of document preparation
7. Status of proposed “white paper” topics
8. Prepare draft agenda for next meeting

BRIEF SUMMARY OF PROCEEDINGS:

1. The Manual Subcommittee and NPDES Subcommittee were gathered together by Ross Dunfee for an update on some topics that affect both groups.
 - Ecology’s timeline calls for re-issuing municipal permits this fall, prior to completion of the Manual and Model Program. Ecology is working on how the permits will reference these documents.
 - A conference on non-point pollution will be held in Spokane April 9-11. The April Eastern Washington Stormwater meeting may need to be moved from the 11th to the 12th, due to the conflict with this conference. Also, a small group will be put together to attend the conference and make a 4-hour presentation on the progress of our subcommittees.
 - Ross briefly discussed the Steering Committee’s decision not to address projects less than 1 acre in the Manual. Tony Barrett stated that Ecology funded this effort as a project that would both address the minimums spelled out in the Phase II requirements and be protective of the resource. The subcommittees at this point broke into their respective meetings.
2. Steve Worley, Subcommittee Chairman, welcomed the group and introductions were made. To begin the discussion on thresholds and minimum requirements, Steve reviewed the applicable governing regulations. Phase II implies discharge to surface waters only and addresses projects greater than 1 acre. The Underground Injection Control (UIC) regulations apply to discharges to potential sources of drinking water (groundwater).
3. A threshold for Pollution Generating Impervious Surfaces (PGIS) was assumed for discussion purposes to be 10,000 square feet; an issue paper will be done to refine this number.
4. The group discussed what “surface water discharge” means. Gary Nelson inquired whether sheet flow off of a rural road flowing into a wheat field (ultimately discharging to a stream) constitutes surface discharge. The general consensus of the group was that it does not.

5. Steve reviewed the ten minimum requirements from the Western Washington Stormwater Manual, and began a discussion on which of these requirements would be applicable under the following governing regulations and project conditions:

- Phase II, discharge to surface water, greater than 1 acre
- Phase II, discharge to surface water, less than 1 acre
- Phase II, discharge to surface water, greater than 1 acre, PGIS greater than 10,000 square feet
- Phase II, discharge to surface water, greater than 1 acre, PGIS less than 10,000 square feet
- Phase II, discharge to surface water, less than 1 acre, PGIS greater than 10,000 square feet

M. Hepp suggested that each project be evaluated individually for its pollution potential. S. King suggested that the minimum impervious area thresholds be kept, and that additional requirements be placed on certain land uses. Due to the complicated nature of thresholds and minimum requirements, there will be ongoing discussion of this issue at future subcommittee meetings.

6. A suggestion was made that, due to the challenges in defining the minimum thresholds in the Manual, it may be better not to include the thresholds in the Manual but rather define them in the general permit. There was general consensus among the subcommittee that this may be a valid approach.
7. After lunch the subcommittee reviewed Chapter 5, Infiltration and Detention Design. Comments were compiled by the consultant team and will be addressed in future drafts.
8. The group agreed that members will bring written comments on each draft chapter to the Subcommittee meetings. Chapter 8, Source Control, will be revised by the consultant and re-distributed to the group prior to the next meeting.
9. The April meeting conflicts with the Non-Point Source Conference being held in Spokane April 9-11. The final date and location of the April meeting will be discussed at the March 14th meeting.

AGENDA FOR NEXT MEETING:

The **next meeting** will be at the Moses Lake Conference Center on **March 14, 2002**, from 9am to 2pm. The agenda will include:

1. Introductions and review of agenda; review summary of meeting for February 14, 2002
2. Continuing discussion on thresholds and core requirements (including Issue Papers #1 and #2 status)
3. Presentation by Mel Schaefer on findings of hydrology study, and review of Chapter 4 (Hydrologic Analysis)
4. Lunch
5. Continuing discussion on drywell criteria (Issue Paper #3)
6. Review of Chapters 7 and 8 (as time is available)
7. Review of Chapter 6 (if time is available)

******Please remember to bring a “brown bag” lunch to the meeting******